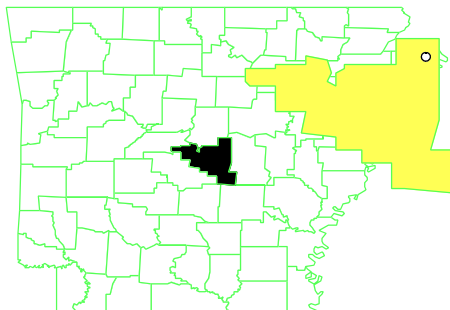


# ROGERS ROAD MUNICIPAL LANDFILL ARKANSAS

EPA REGION 6  
CONGRESSIONAL DISTRICT 02  
Pulaski County  
Updated: 02/07/03

EPA ID# ARD981055809



## Site Description

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- Location:**
- On Rogers Road east of Jacksonville, Arkansas, just inside the Lonoke County line.
  - Located north of Little Rock, the Jacksonville Landfill site is located approximately ½ mile to the east.
- Population:**
- Approximately 10,000 within three miles of the site.
- Setting:**
- An estimated 10,000 people draw drinking water from public and private wells.
  - A private well is 2,640 feet from the site.
  - The site encompasses approximately ten acres and is used for recreational purposes such as hunting.
  - About 30 deteriorating drums were in the landfill giving off a strong chemical odor. Soil around the drums was contaminated.
  - On-site soil and the drums were contaminated with herbicides and pesticides, 2,4-D, 2,4, 5-T, 2,4,5-TP, 2,3,7,8-TCDD and dieldrin.
- Hydrology:**
- Geology under the site consists of alluvial deposits of clay and silty clay to about 25 feet.
  - Below 25 feet, the deposits consist of silty clay and sand. Surface water and ground water flow is generally to the southeast.

## Wastes and Volumes

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- The primary pollutants included 2,3,7,8TCDD, herbicides (2,4,5-T, 2,4,5-TP and 2,4-D), and the pesticide, dieldrin.
- 200 cubic yards of contaminated soil and 38 drums of hazardous material were excavated during site remediation. There is no off-site contamination.

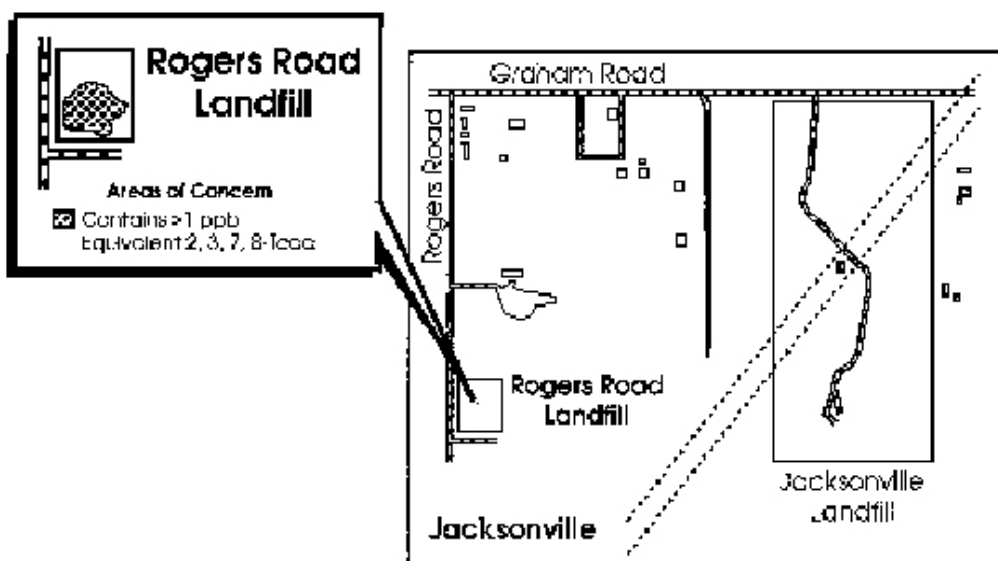
## Site Assessment and Ranking

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NPL LISTING HISTORY  
Site HRS Score: 29.64  
Proposed Date: 01/22/87  
Final Date: 07/22/87  
NPL Update: No. 6

## Site Map and Diagram

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## The Remediation Process

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### Site History:

- The City of Jacksonville purchased the site on September 16, 1953, and operated it as a landfill (an open dump) until October 1974.
- The landfill closed when the Arkansas Department of Pollution Control and Ecology turned down an application for a permit due to high water levels and poor drainage.
- In addition to municipal waste, drums of chemical waste were also dumped at the landfill.

## Health Considerations:

- Potential for direct contact.
- Potential for contamination of residential wells.

## Record of Decision

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Signed: September 27, 1990

- The remedy selected for the Rogers Road Municipal Landfill included excavation of the on-site waste material, thermal treatment and ash disposal of this material at the Vertac Chemical Corp., capping of residual waste onsite, long term ground water monitoring and site maintenance.

<u>Other Remedies Considered</u>	<u>Reason Not Chosen</u>
1. No action	Not protective
2. Capping	Not permanent; does not satisfy EPA's preference for treatment
3. Off-site Thermal Destruction	No commercial facility presently permitted to accept dioxin waste
4. Thermal Destruction at Jacksonville Landfill	Less secure location than Vertac: not industrially zoned.

## Community Involvement

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- Community Involvement Plan: Developed 11/88.
- Open houses and workshops: Open house 7/88; Update 11/88 and 3/89; Open house and Update 7/89; Update 12/89; Update 5/90, Update 6/94
- Original Proposed Plan Fact Sheet and Public Meeting: 07/90.
- Original Record of Decision (ROD) Fact Sheet: 10/90.
- Milestone: Satellite Office Open 7/90, Continuing Community Outreach/Contact
- Remedial Design/Remedial Action (RD/RA) Public Meeting 8/94
- Citizens on site mailing list: 250
- Constituency Interest:
  - Highly organized community interest (PACCE, FUSE, ACCA, ECA, AA, NAACP, GREENPEACE, JPWP, AARF).
  - Elected officials at all levels are keenly aware of and interested in this site.
- Site Repository: Jacksonville City Hall
- Community Relations for this site are also accomplished through VERTAC site outreach.

## Technical Assistance Grant

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- Original Availability Notice: 04/88, 01/92
- Letters of Intent Received:

- 1) Jacksonville People With Pride Cleanup Coalition (JPWPCUC)
  - 2) Vertac Area Citizens Group
  - 3) Friends United for a Safe Environment
  - 4) People Against Chemically Contaminated Environment
- Final Application received: 02/22/89
  - Grant Award: 05/18/89 to JPWPCUC
  - Budget Period: 04/05/93-04/04/95
  - Current Status: Grant award to JPWPCUC was annulled 12/91 due to apparent conflict of interest.
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- Availability re-advertised 01/92
  - Letters of Intent received:
    - 1) Jacksonville Superfund Oversight Committee
    - 2) People Against a Chemically Contaminated Environment
    - 3) Jacksonville Superfund Cleanup Coalition
    - 4) Concerned Citizens Coalition (CCC)
  - Final Application Received: 02/24/93
  - Grant Award: 04/05/93 to CCC
  - Budget Period: 04/05/93-04/04/96
  - Grantee: Concerned Citizens Coalition, Inc. (CCC)
    - Bob Johnson, President
    - Jacksonville, AR
  - Technical Advisor selected 9/94, ECO, Inc., contract signed 12/94, terminated 12/95.
  - Second Technical Advisor, Carlisle Consulting, Inc., selected 03/96, document reviews and input to remedy selection resumed.
  - Current Status: Significant effort and outreach by EPA resulted in consolidation of competing groups onto the CCC Board of Directors. All funds disbursed and grant closed out.
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- Another TAG awarded to CCC
  - Grant Award: 04/05/96 to CCC
  - Budget Period: 04/05/96-04/04/99
  - Tag expired 04/04/99. TAG has been closed.

## Contacts

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- **Remedial Project Manager (EPA):** Shawn Ghose 214-665-6782, Mail Code: 6SF-AP
- **State Contact:** Brian Wakelyn (ADEQ), 501-682-0845
- **Community Involvement (EPA):** None
- **State Coordinator (EPA):** Karen Bond, 214-665-6682, Mail Code: 6SF-AP
- **Prime Contractor:** RD/RA-U.S. EPA TAT Team,  
Ecology & Environment

## Enforcement

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- Remedial Investigation/Feasibility Study (RI/FS) Special Notice Letters issued 1/88.
- RI/FS was conducted using fund monies.
- ROD issued 9/90.
- Consent Decree (CD) between EPA and one settling PRP entered 5/94.
- CD covered excavation and off-site treatment of site waste.

## **Present Status and Issues**

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- EPA signed the Preliminary Close-out Report and conducted a ribbon-cutting ceremony signifying construction completion on September 25, 1995.
- EPA signed the Close-out Report on April 30, 1996.
- Site is in operation and maintenance phase.
- EPA plans to propose that the site be deleted from the NPL in the summer of 2001.
- The Site Five-Year review was issued on September 27, 2000.
- City has to determine ownership to put a deed restriction, as a prelude to Deletion

## **Benefits**

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- Excavation of all hazardous substances at the site has eliminated the potential for exposure to contaminants at the Rogers Road Municipal Landfill.
- Access to the site will remain restricted and the City will continue to conduct operation and maintenance activities.
- Had the site not been cleaned up, it would have continued to act as a source of soil contamination and a potential source of ground water contamination.
- Once the site is deleted from the NPL, the city intends to use the land, possibly for community purposes.